MARYLAND HISTORICAL TRUST DETERMINATION OF ELIGIBILITY FORM

*operty Name: NIH Buildings 11, 12, and	. 13		Inventory Nu	ımber:	M: 35-9	9-10	9470MM94MM3M3MM3M0
Address:		NGG MAGANINI MAGANINI ANI ANI ANI ANI ANI ANI ANI ANI AN	Historic distr	rict:	yes	X	no
City: Bethesda	Zip Code: 2089	12	County:		gomery		
USGS Quadrangle(s): Washington West	***************************************	Cartilla 7 a Tarke 1 (2011) (1011)	**************************************				
Property Owner: National Institutes of Hea	1th	T	ax Account ID	Number	# * . • * ******************************	:28:28:20:28:20:20:20:20:20:20:20:20:20	wada kaka kaka kaka kaka kaka kaka kaka
Tax Map Parcel Number(s):	T	Tax Map Number	r:	**************************************			
Project: Renovations			NIH		vennement-successories societates en estatular escu	-JF-91-2-FE-81-2-FE-81-2-FE-91-2-FE-91-2-FE-81-2-FE-81-2-FE-81-2-FE-81-2-FE-81-2-FE-81-2-FE-81-2-FE-81-2-FE-81	· \\
Agency Prepared By: NIH				***********************	and the second decision of the second se		
Preparer's Name: Ricardo Herring			Date Prepare	d:	2/26/20	03	
Documentation is presented in: MIHP Form	1		- PA-PA-BAT-LAGOLF-LAGOLF-LAGOLFOLFOLFOLFOLFOLFOLFOLFOLFOLFOLFOLFOLFO	27.77 .464.6642.704.663030303	P00073700000000000000000000000000000000	04-08- 07-08-08-08-08-08-08-08-08-08-08-08-08-08-	8.7.0.7.0.7.000000000000000000000000000
Preparer's Eligibility Recommendation:	Eligibility	recommended	X	Eligib	ility not re	comme	nded
Criteria: A B C C	Considerations:	A B	C	D	E	F	G
Complete if the property is a conti	ributing or non-contr	ibuting resource	to a NR distric	t/propert	ty:		
Name of the District/Property:		troduction/colorates and an arms of with arms are are account or a country or arms or an	~~~~~	11388111111111111111111111111111111111	eli elle literita de la completa come elle le come elle le completa come elle le completa come elle le completa		
Inventory Number:				***	yes	S	
ite visit by MHT Staff X yes	no Name:	Tania Tully	\$46.00 \$65.70 \$15.00 \$65.00 \$65.00 \$65.00 \$65.00 \$65.00 \$65.00 \$65.00 \$65.00 \$65.00 \$65.00 \$65.00 \$65.00 \$65.0		Date:	4/23/	2003
Description of Property and Justification: (P	lease attatch map and	d photo)					
Buildings 11 and 11a were constructed for ce central power plant since its construction. Bu is a major support structure, it was utilitarian is found to have no unique architectural featuits original architectural character left.	uilding 11a has been d in design and when e	demolished and re valuated against t	eplaced with a country the criteria for a	co-genera a nationa	ator plant. I Register	Althou ed prope	ıgh it erty, it
Due to its lack of integrity and its lack of hist for listing in the National Register.	orical and/or architec	tural significance	, Building 11 h	ıas been (determined	d not eli	gible
Building 12 was constructed as vehicle maint vehicle maintenance and storage facility since	enance and storage fa e its construction.	icility. Complete	d on 1950, Bui	lding 12	has operat	ted as N	IH's
Due to its lack of demonstrated historical and in the National Register.	or architectural signi	ficance, Building	; 12 has been d	etermine	d not eligi	ble for l	listing
MARYLAND HISTORICAL TRUST REV	VIEW						
	Eligibility not recom	mended X					
Criteria: A B C D	Considerations	**************************************	BC	D	E	F	G
MHT Comments: Lack of integirty.			-				
Tania Georgiou Tul	Here.	W.	odnosday Anri	:1 22 200	12		
Reviewer, Office of Preserva	***************************************	**************************************	ednesday, Apri / Date	1 23, 200	13		
12kunts			11/3/0	か			
Reviewer, National Registe) Program	48.098.69866666974675 o controvo o processo y cons	Date		meandaceonemonomically condition		

M: 35-9-10

NIH Buildings 11, 12, and 13

Page	2
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M:35-9-10

Building 13 was constricted as a facility maintenance storage facility as well as a scientific manufacturing plant, Completed in 1952, Building 13 has operated as an NIH administrative, maintenance, and storage facility since its construction.

Due to its lack of demonstrated historical and/or architectural significance, Building 12 has been determined not eligible for listing in the National Register.

MARYLAND HISTORICAL TRUST REVIEW Eligibility recommended Eligibility not recomm	ended $_{ m X}$	
Criteria: A B C D Considerations: MHT Comments: Lack of integirty.	ABCDEF	G
Tania Georgiou Tully Reviewer, Office of Preservation Services	Wednesday, April 23, 2003 Date	
Reviewer, National Register Program	Date	

NIH Historic Resources Inventory Form

1.	Name					
Histo	oric Name NIH	Power Plant			· · · · · · · · · · · · · · · · · · ·	
Comi	mon Name and	Building Number NIH	Power Plant ar	nd Incinerator Buildings 11 and	11A	
2.	Location	on			 -	
Stree	t and Number §	9000 Rockville Pil	ke		·	
City,	Town Bethes	sda		Congressional District 8th		
State	Maryla	nd		County Montgomery		
3. (Classifi	cation				
Dis ✓ Bu Str Sit	egory strict uilding(s) ructure e e pject	Ownership Public Private Both Accessible Yes: Restricted Yes: Unrestricted No	Status Cocupied Unoccupied work in Progress	Present use (Government) Laboratory Animal Research Hospital Administrative Support Other		
		of Property	, lational Institute	s of Health)		
Street	& Number 900	00 Rockville Pike		Telephone No. :		
City, T	own Bethes	da		State and Zip Code Maryland 20892		
5. 1	_ocatio	n of Legal D	escription			
Courth	nouse, Registry	of Deeds, etc. Montg	omery County Co	ourt House Li	iber#	Folio#
Street	& Number					
City, T	own			State and Zip Code		
6. F	Represe	ntation in E	xisting	Historic Surve	Y	es ✔ No
îtle					,	
ate				Federal State County Lo	cal	
eposi	itory for Survey	Records				
ity, To	own			State		

7. Description							
Condition Excellent Good Fair	Deteriorated Ruins Unexposed	Unaltered ✔Altered	✔Original Site Moved				

The NIH Power Plant and Incinerator is a modern four story reinforced concrete frame building with a basement and mezzanine consisting of 150,000 gross square feet at the time of construction. The exterior material is brick with metal trim. The fenestration industrial steel frame, single glazed awning type windows with metal doors. The building has a flat built-up over a concrete slab with 2 inches of insulation. The interior finishes consist of glazed tile partitions and walls and painted concrete ceilings.

Three 150,000 pounds per hour capacity water-wall type boilers where installed in Building 11 to deliver 165 psig pressure steam through a 16 inch supply line the main underground distribution system serving the entire campus. Boiler accessories provided in Building 11 include both electric and steam -driven condensate and feed water pumps, feed water chemical treatment equipment and heaters, a central instrument and control panel, electric and steam-driven individual force and induced-draft fans with cyclone precipitator-type soot collectors, fuel oil heaters with pumps -both electrical and steam-driven, as well as two 500,000 gallon capacity tanks located underground west of Building 11 for storage of No. 6 fuel oil.

A non-condensing turbo-generator, capable of delivering 5,000 KVA when supplied with 120,000 pounds per hour steam at 165 psig, was installed in the Compressor Room of Building 11 for emergency operation of indispensable equipment throughout the campus, but primarily in the Clinical Center, in the event of a power failure.

A central refrigerator plant, consisting of five 1,050 ton capacity centrifugal refrigeration machines each with an individual 3,250 gpm chilled water pump, 3,150 gpm condenser water pump, and induced-draft cooling tower, were installed in the south half of Building 11 to deliver to the main underground distribution system serving the campus chilled water at 42°F. through 24 inch supply and return lines.

Incinerators and Can Washing

Central refuse disposal facilities, including a complete incineration installation with can handling, dumping and dumping provisions were housed in the Building 11A. The incinerator plant itself consists of two separate incinerators, 48,000 pounds per 24 hour capacity each with two large refuge collection bins on the first floor for both truck and can dumping, an overhead power-operated crane for charging both incinerators through top loading doors at the ground floor level, and a control and instrument panel board installed in the firing room at the basement level. A flue-gas scrubber, with the required circulating water treatment equipment and pumps located on the basement floor of Building 11, is also provided on the discharge from each incinerator to prevent the emission of objectionable soot and fly ash from the stacks.

Over the years the NIH Power Plant has been totally altered and the Incinerator Building, Building 11A has been demolished and replaced with a new co-generation plant. None of the central steam and chilled water equipment exist except for the shell of the three original central boilers. The central generator has been removed.

Today the exterior architecture of the power plant is contemporary with a sweeping massive metal curve front exterior and new cooling towers to the south. The exhaust stacks have been significantly raised above the roof line.

Period Prehistoric	Areas of Signifi								
	Archeology-Prehist		Comm	unity Plan	ning	Lands	cape Archi	tecture	Religion
 1400-1499	Archeology-Historic			ervation	·	Law	•		Science
1500-1599	Agriculture		Econo	mics		Litera	ture		Social/Humanitar'r
1600-1699	Architecture		Educa	tion		Milita	ry		Theater
1700-1799	Art		Engine			Music	;		Transportation
1800-1899	Commerce			ration/Settle	ement	Philos	. ,		_Other
1900-	Communications		Industi Inventi	,		Politic	:s/Govemm	ent	
Specific Dates	Architect:				Builde			Area	
3/54	General Service	e Admin	istration	Ì	John (McShain	, Inc	150,00	0 gsf
Applicable Criteria:	_A	_В	_c	_D					
Applicable Exception	A	_B	_c	D	_E	F	_G		
Level of Significance	Nationa	al	_State		Local				
include stear	•	ed [*] air,	chilled	water	for air o	conditio	oning s	ystems	
9. Major I	Bibliograph	nical I	Refere	ences	•				
National Institut	es of Health. <i>NI</i> es of Health. <i>Bu</i> wer <i>"Engineer</i>	iilding	and Gr	ounds	Manua	al, Bethe	esda, ME) 1959	
	aphical Dat								

The proposed boundaries of the site are defined by Buildings 12 and 13 to the north; Building 22 to the east; Buildings 14A, 14B, 14C, and 14D to the south; and West Service Drive to the west.

11. Determination of Eligibility to be Included into the National Register

_Eligible
Not Eligible

Buildings 11 and 11A were constructed for central utility production. Completed in 1954, Building 11 has operated as NIH's central power plant since its construction. Building 11A has been demolished and replaced with a co-generation plant. Although it is a major support structure it was utilitarian in design and when evaluated against the criteria for a National Registered property, it is found to have no unique architectural features. Furthermore, Building 11 has been altered over years that it has very little of its original architectural character left.

Due to its lack of integrity and its lack of demonstrated historical and/or architectural significance, Building 11 has been determined "Not Eligible" for listing in the National Register. Building 11 has been demolished and its historic significance is moot.

12. Form Prepared by

Street & Number 9000 Rockville Pike	Telephone 301-402-2048
City or Town Bethesda	State MD

NIH Historic Resources Inventory Form

1. Name					
Historic Name Bu	ilding 12			 	
Common Name an	nd Building Number Bui l	lding 12			
2. Locati	ion		•		
Street and Number	r 9000 Rockville Pi	ke			
City, Town Beth	esda		Congressional District 8th	1	
State Mary	land	.,	County Montgomery	1	
3. Classi	fication		, , , , , , , , , , , , , , , , , , ,		
Category District Building(s) Structure Site Object	Ownership Public Private Both Accessible Yes: Restricted Yes: Unrestricted No	Status Occupied Unoccupied work in Progress	Present use (Government) LaboratoryAnimal ResearchHospitalAdministrative VSupportOther		
4. Owner	of Property				
Name United S	tates of America (National Institute	es of Health)		
Street & Number 9	0000 Rockville Pike	9	Telephone No. :		
City, Town Beth	esda		State and Zip Code Maryland 208	392	
5. Location	on of Legal I	Description			
Courthouse, Regis	try of Deeds, etc. Mont	gomery County C	Court House	Liber#	Folio#
Street & Number					
City, Town			State and Zip Code		
6. Repres	sentation in	Existing	Historic	Survey\	∕es ✔ No
Title					
Date		W	Federal State Co	unty Local	
Depository for Sun	vey Records				
City, Town			Sta	to.	

7. Description							
Condition Excellent Good Fair	Deteriorated Ruins Unexposed	Unaltered ✔Altered	✓ Original Site Moved	-			

Building 12 is a modern one story reinforced concrete frame building with a basement consisting of 52,140 gross square feet at the time of construction. The exterior material is brick with cut stone trim. The fenestration industrial steel frame, single glazed awning type windows with metal doors. The building has a flat built-up over a concrete slab with 2 inches of insulation. The interior finishes consist of glazed tile partitions and walls and painted concrete ceilings.

Over the years there have been two major additions to Building 12 and they Buildings 12A and 12B

8. Signific	ance								
PeriodPrehistoric1400-14991500-15991600-16991700-17991800-18991900-	Areas of Signi _Archeology-Prehi _Archeology-Histo _Agriculture _Architecture _Art _Commerce _Communications	storic	Cons Econ Educ Engir	neering oration/Settl stry		Law Litera Milita Musid Philo	iry		ReligionScienceSocial/Humanitar'rTheaterTransportationOther
Specific Dates 10/50	Architect: General Service	e Admi	nistratio	n	Build McCl	er osky & C	io	Area 52,140) gsf
Applicable Criteria:	_A	В	_c	_D		· · · · · · · · · · · · · · · · · · ·			
Applicable Exception	_A	_В	_c	_D	E	_F	_G		
Level of Significance	Natio	nal	State	;	Loca	ı			

Building 12 was constructed in 1950 to provide maintenance, overhaul, and storage facilities for NIH vehicles, and to provide general storage space. A major portion of the building has been converted to office and machine space for data processing and computer operations although the garage and fire department still are located in the building.

Building 12A constructed in 1965 was authorized to permit expansion of data processing and computer operations and eventually will be used entirely for that purpose. The building presently is used as general office space for personnel of various NIH organizations including data processing. Building 12B was constructed in 1980's and is used for data processing, cafeteria and snack bar.

9. Major Bibliographical References

National Institutes of Health. NIH Almanac, Bethesda, MD 1998 National Institutes of Health. Building and Grounds Manual, Bethesda, MD 1959

10. Geographical Data

Verbal Boundary Description

The proposed boundaries of the site are defined by Building 50 to the north; Building 22 to the east; Building 11 to the south; and Building 13 to the west.

11. Determination of Eligibility to be Included into the National Register

Eligible Not Eligible

Building 12 was constructed as vehicle maintenance and storage facility. Completed in 1950, Building 12 has operated as NIH's vehicle maintenance and storage facility since its construction.

Due to its lack of demonstrated historical and/or architectural significance, Building 12 has been determined "Not Eligible" for listing in the National Register.

12. Form Prepared by

Name/Title Ricardo C. Herring, FAIA, NIH Federal Preservation Officer

Organization Technical Resources Group, DCAB/DES/ORS

Date 2/13/03

Street & Number 9000 Rockville Pike

Telephone 301-402-2048

City or Town Bethesda

State MD

Approved by the NIH Federal Preservation Officer

Concurrence of State Preservation Officer

NIH Historic Resources Inventory Form

1. Name					
Historic Name Bu	ilding 13				-
Common Name an	d Building Number Buil	ding 13	,, , , , , , , , , , , , , , , , , , ,		
2. Locati	ion				
Street and Number	9000 Rockville Pil	ke			
City, Town Beth	esda		Congressional District 8th		
State Mary	land		County Montgomery		
3. Classi	fication				
Category _ District	Ownership Public Private Both Accessible Yes: Restricted Yes: Unrestricted No	Status Occupied Unoccupied work in Progress	Present use (Government) LaboratoryAnimal ResearchHospitalAdministrative SupportOther		
Name United S	tates of America (, National Institute	s of Health)		
Street & Number 9	9000 Rockville Pike	,,,,,	Telephone No. :		
City, Town Bethesda			State and Zip Code Maryland 20892	2	,
5. Locati	on of Legal I	Description			· ·
Courthouse, Regis	stry of Deeds, etc. Mont	gomery County C	ourt House	Liber#	Folio#
Street & Number					
City, Town			State and Zip Code	· .	
6. Repres	sentation in	Existing	Historic S	urvey`	∕es ✔ No
Title					
Date			Federal State Count	y _ Local	
Depository for Sur	vey Records				
City Town			State		

7. Description							
ConditionExcellent GoodFair	Deteriorated Ruins Unexposed	Unaltered ✔Altered	✓ Original Site Moved				

Building 13 is a modern three story reinforced concrete frame building with a basement consisting of 52,140 gross square feet at the time of construction. The exterior material is brick with cut stone trim. The fenestration industrial steel frame, single glazed awning type windows with metal doors. The building has a flat built-up over a concrete slab with 2 inches of insulation. The interior finishes consist of painted reinforced concrete and glazed tile partitions and walls and painted concrete ceilings. A small addition was constructed on the northeast side of the building to house a passenger elevator and elevator lobbies on each floor.

8. Signific	ance	*		
Period _Prehistoric _1400-1499 _1500-1599 _1600-1699 _1700-1799 _1800-1899 _1900-	Areas of Significance _Archeology-Prehistoric _Archeology-Historic _Agriculture _Architecture _Art _Commerce _Communications	Community PlanniConservationEconomicsEducationEngineeringExploration/SettlerIndustryInvention	Law Literature Military Music	Science Social/Humanitar'ı Theater Transportation Other
Specific Dates 8/52	Architect: General Service Adm	inistration	Builder F. H. Martell, Co	Area 178,587 gsf
Applicable Criteria:	AB	_c _D		
Applicable Exception	_A _B	_c _D	E	
Level of Significance	National	State	Local	

Building 13 was constructed in 1952 to house the shops for maintenance and repair; warehouse storage including refrigerated food storage; scientific apparatus manufacturing; laundry and dry cleaning.

Today Building 13 houses the administrative functions of the NIH Division of Engineering Services and NIH Division of Safety, NIH Federal Credit Union, a small employee medical unit, warehouse for construction and maintenance supplies, and biomedical engineering (scientific apparatus manufacturing). The entire basement, second floor and third floors have been significantly altered over the years.

9. Major Bibliographical References

National Institutes of Health. *NIH Almanac*, Bethesda, MD 1998 National Institutes of Health. *Building and Grounds Manual*, Bethesda, MD 1959

10. Geographical Data

Verbal Boundary Description

The proposed boundaries of the site are defined by South Drive to the north; Buildings 50 and 12 to the east; Building 11 to the south; and Service Road West to the west.

11. Determination of Eligibility to be Included into the National Register

__Eligible
✓Not Eligible

Building 13 was constructed as a facility maintenance and storage facility as well as a scientific apparatus manufacturing plant. Completed in 1952, Building 13 has operated as an NIH administrative, maintenance, manufactuing and storage facility since its construction.

Due to its lack of demonstrated historical and/or architectural significance, Building 13 has been determined "Not Eligible" for listing in the National Register.

12. Form Prepared by

Organization Technical Resources Group, DCAB/DES/ORS	Date 2/26/03	
Street & Number 9000 Rockville Pike	Telephone 301-402-2048	
City or Town Bethesda	State MD	
Approved by the NIH Federal Preservation Officer		

M: 35-9-10 National Institutes of Health Buildings 11, 12, and 13 Montgomery County Washington West Quad

